

PATENT COOPERATION TREATY

TRANSLATION

From the
INTERNATIONAL SEARCHING AUTHORITY

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

To:

Date of mailing
(day/month/year)

Applicant's or agent's file reference

552497WO01

FOR FURTHER ACTION

See paragraph 2 below

International application No.

PCT/JP2005/016929

International filing date (day/month/year)

14.09.2005

Priority date (day/month/year)

01.10.2004

International Patent Classification (IPC) or both national classification and IPC

Applicant

MITSUBISHI DENKI KABUSHIKI KAISHA

1. This opinion contains indications relating to the following items:



Box No. I

Basis of the opinion



Box No. II

Priority



Box No. III

Non-establishment of opinion with regard to novelty, inventive step and industrial applicability



Box No. IV

Lack of unity of invention



Box No. V

Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement



Box No. VI

Certain documents cited



Box No. VII

Certain defects in the international application



Box No. VIII

Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/JP

Date of completion of this opinion

Authorized officer

Facsimile No.

Telephone No.

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/JP2005/016929

Box No. I

Basis of this opinion

1. With regard to the language, this opinion has been established on the basis of:
 - ☒ the international application in the language in which it was filed
 - ☐ the translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rule 12.3(a) and 23.1(b)).
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material
 - ☐ a sequence listing
 - ☐ table(s) related to the sequence listing
 - b. format of material
 - ☐ on paper
 - ☐ in electronic form
 - c. time of filing/furnishing
 - ☐ contained in the international application as filed
 - ☐ filed together with the international application in electronic form
 - ☐ furnished subsequently to this Authority for the purposes of search
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/JP2005/016929

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability;
citations and explanations supporting such statement

1. Statement

| | | |
|-------------------------------|-------------------|-----|
| Novelty (N) | Claims <u>1-7</u> | YES |
| | Claims _____ | NO |
| Inventive step (IS) | Claims _____ | YES |
| | Claims <u>1-7</u> | NO |
| Industrial applicability (IA) | Claims <u>1-7</u> | YES |
| | Claims _____ | NO |

2. Citations and explanations:

Document 1: JP 3-111694 A (Mitsubishi Electric Corp.), 13 May 1991, full text, Figs. 3 and 4 (Family: none)

Document 2: JP 9-170770 A (Fujitsu General Ltd.), 30 June 1997, claims, Figs. 1 and 2 (Family: none)

The inventions relating to claims 1-7 do not appear to involve an inventive step based on documents 1 and 2 cited in the ISR. A stabilizer described in document 1 and a stabilizer described in document 2 belong to the technical fields that are closely related to each other; therefore, with respect to an uneven "stabilizer pocket (7)" of a stabilizer having a projection positioned at the front end of the downstream side of an air current described in document 1, as an uneven "protrusion (4b)" provided in a stabilizer described in document 2, configuring an invention so that projections are shifted in position in the direction of the rotation axis of an impeller could be easily conceived of by a party skilled in the art.

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Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of: BOX V

Continued from International Patent Classification (IPC)
F04D29/66 (2006.01)